Letters in Mathematical Physics
Cumulative Index, Volumes 43–46 (1998)

ABDESSELAM, A. and V. RIVASSEAU, Explicit Fermionic Tree Expansions, **44**: 77 (1998).

ADAMI, R. and A. TETA, On the Aharonov–Bohm Hamiltonian, **43**: 43 (1998).

ALBEVERIO, S., L. DĄBROWSKI and P. KURASOV, Symmetries of Schrödinger Operators with Point Interactions, **45**: 33 (1998).

ALBEVERIO, SERGIO, SALDACHMAT LAKAEV and KONSTANTIN A. MAKAROV, The Efimov Effect and an Extended Szegö–Kac Limit Theorem, **43**: 73 (1998).

ANDRIANOPOLI, LAURA and SERGIO FERRARA, 'Nonchiral' Primary Superfields in the Ad_{d+1}/CFT_d Correspondence, **46**: 265 (1998).

ARAKI, HUZIHIRO, MOSHÉ FLATO, SÉBASTIEN MICHÉA and DANIEL STERNHEIMER, Some Infinite-Dimensional Algebras Arising in Spin Systems and in Particle Physics and their Grand Algebra, **43**: 155 (1998).

ARNAUDON, D., E. BUFFENOIR, E. RAGOUCY and PH. ROCHE, Universal Solutions of Quantum Dynamical Yang–Baxter Equations, **44**: 201 (1998).

BABICH, M. V. and D. A. KOROTKIN, Self-Dual SU(2)-Invariant Einstein Metrics and Modular Dependence of Theta Functions, **46**: 323 (1998).

BAEZ, JOHN C. and LAUREL LANGFORD, 2-Tangles, **43**: 187 (1998).

BALINSKY, A. A. and W. D. EVANS, On the Virial Theorem for the Relativistic Operator of Brown and Ravenhall, and the Absence of Embedded Eigenvalues, **44**: 233 (1998).

BAOUA, OUMAROU BOUKARY, Gelfand Pairs with Coherent States, **46**: 247 (1998).

BARRABÈS, C., *see* HOGAN, P. A.

BELAVKIN, V. P., On Quantum Itô Algebras and Their Decompositions, **45**: 131 (1998).

BENTH, F. E., TH. DECK, J. POTTHOFF and L. STREIT, Nonlinear Evolution Equations with Gradient Coupled Noise, **43**: 267 (1998).

BEREST, YURI and ALEX KASMAN, $\mathcal{D}$-Modules and Darboux Transformations, **43**: 279 (1998).

BERTELSON, MÉLANIE, PIERRE BIELIAVSKY and SIMONE GUTT, Parametrizing Equivalence Classes of Invariant Star Products, **46**: 339 (1998).

BHATIA, RAJENDRA and FUAD KITTANEH, Norm Inequalities for Positive Operators, **43**: 225 (1998).

BIELIAVSKY, PIERRE, *see* BERTELSON, MÉLANIE

BONECHI, F., R. GIACHETTI, E. SORACE and M. TARLINI, Induced Representations of the One-Dimensional Quantum Galilei Group, **43**: 309 (1998).

BONNEAU, PHILIPPE, Fedosov Star Products and One-Differentiable Deformations, **45**: 363 (1998).

BONORA, L., S. KRIVONOS and A. SORIN, The $N = 2$ Supersymmetric Matrix GNLS Hierarchies, **45**: 63 (1998).

BOOSS-BAVNBEK, B., S. G. SCOTT and K. P. WOJCIECHOWSKI, The ζ-Determinant and $\mathcal{C}$-Determinant on the Grassmannnian in Dimension One, **45**: 353 (1998).

BORCHERS, H. J., Half-Sided Translations and the Type of von Neumann Algebras, **44**: 283 (1998).

BORCHERS, H. J., On Poincaré Transformations and the Modular Group of the Algebra Associated with a Wedge, **46**: 295 (1998).

BORDEMANN, MARTIN, HARTMANN RÖMER and STEFAN WALDMANN, A Remark on Formal KMS States in Deformation Quantization, **45**: 49 (1998).

BORISOV, N. B., K. N. ILINSKI and G. V. KALININ, New Index Formulas as a Meromorphic Generalization of the Chern–Gauss–Bonnet Theorem, **43**: 249 (1998).

BÖRÖCZKY, KÁROLY, JR. and UWE SCHNELL, Wulff Shape for Nonperiodic Arrangements, **45**: 81 (1998).

BOUTET DE MONVEL, ANNE and JAOUAD SAHBANI, On the Spectral Properties of the Spin-Boson Hamiltonians, **44**: 23 (1998).

BRESSANGE, G. F., *see* HOGAN, P. A.

BRUZZO, UGO and GUIDO SANGUINETTI, Mirror Symmetry on K3 Surfaces as a Hyper-Kähler Rotation, **45**: 295 (1998).

BUFFENOIR, E., *see* ARNAUDON, D.

BUSCH, PAUL, Orthogonality and Disjointness in Spaces of Measures, **44**: 215 (1998).

CARPI, SEBASTIANO, Absence of Subsystems for the Haag–Kastler Net Generated by the Energy-Momentum Tensor in Two-Dimensional Conformal Field Theory, **45**: 259 (1998).

CHADZITASKOS, G. and A. ODZIJEWICZ, Para-Grassmann Star Product Calculation, **43**: 199 (1998).

CHODA, MARIE and HIROAKI TAKEHANA, A Finite Partition in a Dynamical System with Entropy Depending on the Size, **44**: 309 (1998).

DĄBROWSKI, L., *see* ALBEVERIO, S.

DAMANIK, DAVID, Singular Continuous Spectrum for a Class of Substitution Hamiltonians, **46**: 303 (1998).

DE LIMA, BERNARDO N., *see* PROCACCI, ALDO

DECK, TH., *see* BENTH, F. E.
DICKEY, L. A., Additional Symmetries of the Zakharov–Shabat Hierarchy, String Equation and Isomonodromy, **44**: 53 (1998).
DING, JINTAI and SERGEI KHOROSHKIN, On the FRTS Approach to Quantized Current Algebras, **45**: 331 (1998).
DITTMANN, JOCHEN, Yang–Mills Equation and Bures Metric, **46**: 281 (1998).
DYNIN, ALEXANDER, A Rigorous Path Integral Construction in Any Dimension, **44**: 317 (1998).

EKSTRAND, C., $\mathbf{Z}_2$-Graded Cocycles in Higher Dimensions, **43**: 359 (1998).
ENRIQUEZ, B., Dynamical r-Matrices for Hitchin's Systems on Schott^{k}y Curves, **45**: 95 (1998).
EVANS, W. D., *see* BALINSKY, A. A.

FEDOSOV, BORIS V., Non-Abelian Reduction in Deformation Quantization, **43**: 137 (1998).
FERRARA, SERGIO and CHRISTIAN FRØNSDAL, Gauge Fields and Singletons of AdS_{2p+1}, **46**: 157 (1998).
FERRARA, SERGIO, *see* ANDRIANOPOLI, LAURA
FLATO, MOSHÉ and CHRISTIAN FRØNSDAL, Interacting Singletons, **44**: 249 (1998).
FLATO, MOSHÉ, *see* ARAKI, HUZIHIRO
FLORIG, MARTIN, On Borchers' Theorem, **46**: 289 (1998).
FODA, OMAR, BERNARD LECLERC, MASATO OKADO, JEAN-YVES THIBON and TREVOR A. WELSH, RSOS Models and Jantzen–Seitz Representations of Hecke Algebras at Roots of Unity, **43**: 31 (1998).
FRØNSDAL, CHRISTIAN, *see* FLATO, MOSHÉ
FRØNSDAL, CHRISTIAN, *see* FERRARA, SERGIO
FRYDRYSZAK, ANDRZEJ, The Graded Heiseberg Group and its Q-Representations (The Odd Part), **44**: 89 (1998).
FUJII, KAZUYUKI and TATSUO SUZUKI, Nonlinear Sigma Models in (1 + 2) Dimensions and an Infinite Number of Conserved Currents, **46**: 49 (1998).

GAETA, GIUSEPPE and PAOLA MORANDO, Reducible Connections in Gauge Theories, **45**: 121 (1998).
GEKHTMAN, M., Hamiltonian Structure of Non-Abelian Toda Lattice, **46**: 189 (1998).
GERSTENHABER, MURRAY, Deformation of Towers of Algebras and Quantized Intersection Cardinality Functions, **43**: 87 (1998).
GERSTENHABER, MURRAY and ANTHONY GIAQUINTO, Boundary Solutions of the Quantum Yang–Baxter Equation and Solutions in Three Dimensions, **44**: 131 (1998).

GIACHETTI, R., *see* BONECHI, F.

GIAQUINTO, ANTHONY and TIMOTHY J. HODGES, Nonstandard Solutions of the Yang–Baxter Equation, **44**: 67 (1998).

GIAQUINTO, ANTHONY, *see* GERSTENHABER, MURRAY

GOULD, MARK D. and YAO-ZHONG ZHANG, On Super-RS Algebra and Drinfeld Realization of Quantum Affine Superalgebras, **44**: 291 (1998).

GRAMMATICOS, B., *see* RAMANI, A.

GROSSE, H. and P. PRESNAJDER, A Noncommutative Regularization of the Schwinger Model, **46**: 61 (1998).

GU, C. H., Unitons of Harmonic Maps from R^2 to U(p, q), **46**: 347 (1998).

GUERRINI, LUCA, Formal and Analytic Deformations of the Witt Algebra, **46**: 121 (1998).

GÜRSES, METIN, Sigma Models and Minimal Surfaces, **44**: 1 (1998).

GUTT, SIMONE, *see* BERTELSON, MÉLANIE

HABA, Z., Classical Limit of Quantum Dissipative Systems, **44**: 121 (1998).

HERMISSON, ULRICH, Construction of Covariant Differential Calculi on Quantum Homogeneous Spaces, **46**: 313 (1998).

HIKAMI, KAZUHIRO, *see* KOMORI, YASUSHI

HODGES, TIMOTHY J., *see* GIAQUINTO, ANTHONY

HOGAN, P. A., C. BARRABÈS and G. F. BRESSANGE, Colliding Plane Waves in Einstein–Maxwell Theory, **43**: 263 (1998).

HONEGGER, REINHARD and ALFRED RIECKERS, Coherence Properties of Squeezed Photon States, **45**: 147 (1998).

HORVÁTHY, P. A. and J.-C. YÉRA, Vortex Solutions of the Liouville Equation, **46**: 111 (1998).

HOU, BO-YU and WEN-LI YANG, The Nondynamical r-Matrix Structure of the Elliptic Calogero–Moser Model, **44**: 35 (1998).

HU, NAIHONG, Quantum Group Structure of the q-Deformed Virasoro Algebra, **44**: 99 (1998).

ILIEV, PLAMEN, Tau Function Solutions to a q-Deformation of the KP Hierarchy, **44**: 187 (1998).

ILINSKI, K. N., *see* BORISOV, N. B.

ITO, K. R. and H. TAMURA, Deviation of Upper Bounds of Critical Temperature of Two-Dimensional O(N) Spin Models, **44**: 339 (1998).

JAKSIĆ, VOJKAN and STANISLAV MOLCHANOV, On the Spectrum of the Surface Maryland Model, **45**: 185 (1998).

JIMBO, MICHIO and JUN'ICHI SHIRAISHI, A Coset-Type Construction for the Deformed Virasoro Algebra, **43**: 173 (1998). Errata, **44**: 349 (1998).

JING, NAIHUAN, Quantum Kac–Moody Algebras and Vertex Representations, **44**: 261 (1998).
JODEIT, MAX, JR. and B. M. LEVITAN, Isospectral Vector-Valued Sturm–Liouville Problems, **43**: 117 (1998).

KALF, HUBERT, Essential Self-Adjointness of Dirac Operators Under and Integral Condition on the Potential, **44**: 225 (1998).
KALININ, G. V., *see* BORISOV, N. B.
KARABEGOV, A. V., Cohomological Classification of Deformation Quantizations with Separation of Variables, **43**: 347 (1998).
KARABEGOV, A. V., On the Canonical Normalization of a Trace Density of Deformation Quantization, **45**: 217 (1998).
KASHAEV, R. M., Quantization of Teichmüller Spaces and the Quantum Dilogarithm, **43**: 105 (1998).
KASMAN, ALEX, *see* BEREST, YURI
KERNER, RICHARD and BERND NIEMEYER, Covariant q-Differential Calculus and its Deformation at $q^N = 1$, **45**: 161 (1998).
KHOROSHKIN, SERGEI, *see* DING, JINTAI
KIJOWSKI, J., G. RUDOLPH and C. ŚLIWA, On the Structure of the Observable Algebra for QED on the Lattice, **43**: 299 (1998).
KITTANEH, FUAD, *see* BHATIA, RAJENDRA
KOCHUBEI, ANATOLY N., Harmonic Oscillator in Characteristic p, **45**: 11 (1998).
KOGAN, ALEXANDER, Deformations of the Classical W-Algebras Associated to D_n, E_6 and G_2, **45**: 21 (1998).
KOMORI, YASUSHI, Notes on the Elliptic Ruijsenaars Operators, **46**: 147 (1998).
KOMORI, YASUSHI and KAZUHIRO HIKAMI, Affine R-Matrix and the Generalized Elliptic Ruijsenaars Models, **43**: 335 (1998).
KOROTIKIN, D. A., *see* BABICH, M. V.
KRIVONOS, S., *see* BONORA, L.
KUBO, FUJIO, Finite-Dimensional Simple Leibniz Pairs and Simple Poisson Modules, **43**: 21 (1998).
KURASOV, P., *see* ALBEVERIO, S.
KWEK, L. C. and C. H. OH, A General q-Oscillator Algebra, **44**: 273 (1998).

LACHAPELLE, J. and M. LEGARÉ, Super-Matrix KdV and Super-Generalized NS Equations from Self-Dual Yang–Mills Systems with Supergauge Groups, **45**: 195 (1998).
LAFORTUNE, S., *see* RAMANI, A.
LAKAEV, SALDACHMAT, *see* ALBEVERIO, SERGIO
LANDSMAN, N. P., Twisted Lie Group C^*-Algebras as Strict Quantizations, **46**: 181 (1998).
LANGFORD, LAUREL, *see* BAEZ, JOHN C.

LECLERC, BERNARD, *see* FODA, OMAR
LEGARÉ, M., *see* LACHAPELLE, J.
LEVITAN, B. M., *see* JODEIT, MAX, JR.
LI, ZI-PING, *see* TANG, TAI-MING
LICHNEROWICZ, ANDRÉ, First Eigenvalue of the Dirac Operator for a Kähler Manifold of Even Complex Dimension: The Limiting Case, **46**: 71 (1998).
LIU, Q. P., The Constrained MKP Hierarchy and the Generalized Kupershmidt–Wilson Theorem, **43**: 65 (1998).
LLEDÓ, M. A. and V. S. VARADARAJAN, SU(2) Poisson–Lie T Duality, **45**: 247 (1998).
LUM, KAI HING and VICTOR TAN, Intertwining Operators for Vertex Representations of Toroidal Lie Algebras, **45**: 239 (1998).

MAEDA, YOSHIAKI, *see* OMORI, HIDEKI
MAJID, S., Quantum Double for Quasi-Hopf Algebras, **45**: 1 (1998).
MAKAROV, KONSTANTIN A., *see* ALBEVERIO, SERGIO
MELNIKOV, YU, Erratum: On Spectral Analysis of an Integral-Difference Operator, *Lett. Math. Phys.* **42**(4) (1997), 379–387, **43**: 379 (1998).
MICHÉA, SÉBASTIEN, *see* ARAKI, HUZIHIRO
MIYAZAKI, NAOYA, *see* OMORI, HIDEKI
MOLCHANOV, STANISLAV, *see* JAKSIĆ, VOJKAN
MONTAGUE, P. S., Conjectured $\mathbb{Z}_2$-Orbifold Constructions of Self-Dual Conformal Field Theories at Central Charge 24 – The Neighborhood Graph, **44**: 105 (1998).
MORANDO, PAOLA, *see* GAETA, GIUSEPPE
MORIJA, HAJIME and AERNOUT VAN ENTER, On Thermodynamic Limits of Entropy Densities, **45**: 323 (1998).
MUKHIN, E. and A. VARCHENKO, Quantization of the Space of Conformal Blocks, **44**: 157 (1998).
MUND, J., No-Go Theorem for 'Free' Relativistic Anyons in $d = 2 + 1$, **43**: 319 (1998).

NAKAMURA, YOSHIMASA, Integrable Deformation of Gaussian Distribution and the Ornstein–Uhlenbeck Process, **43**: 1 (1998).
NEIDHARDT, H. and V. A. ZAGREBNOV, On Error Estimates for the Trotter–Kato Product Formula, **44**: 169 (1998).
NESTEROV, A. I., On Vortex Dynamics in the Self-Dual Chern–Simons–Higgs System, **45**: 203 (1998).
NIEMEYER, BERND, *see* KERNER, RICHARD

O'KEEFFE, D., An SO(3) Gauged Skryme Model on R^3, **45**: 177 (1998).
ODZIJEWICZ, A., *see* CHADZITASKOS, G.

OH, C. H., *see* KWEK, L. C.
OKADO, MASATO, *see* FODA, OMAR
OKUMURA, SHOJI, The Self-Dual Einstein–Weyl Metric and Classical Solution of Painlevé VI, **46**: 219 (1998).
OMORI, HIDEKI, YOSHIAKI MAEDA, NAOYA MIYAZAKI and AKIRA YOSHIOKA, Deformation Quantizations of the Poisson Algebra of Laurent Polynomials, **46**: 171 (1998).
ORTEGA, JUAN-PABLO and TUDOR S. RATIU, Singular Reduction of Poisson Manifolds, **46**: 359 (1998).

PALEV, TCHAVDAR D. and PREETI PARASHAR, An Alternative to the Chevalley Description of U[sl($n+1$)] and U_q[sl($n+1$)], **43**: 7 (1998).
PARASHAR, PREETI, Jordanian $U_{h,s}$gl(2) and its Coloured Realization, **45**: 105 (1998).
PARASHAR, PREETI, *see* PALEV, TCHAVDAR D.
PATSOURAKOS, ALEXANDROS, Tensor Calculus in the Free Lie Algebra, **45**: 269 (1998).
PFLAUM, MARKUS, On Continuous Hochschild Homology and Cohomology Groups, **44**: 43 (1998).
PFLAUM, MARKUS J., A Deformation-Theoretical Approach to Weyl Quantization on Riemannian Manifolds, **45**: 277 (1998).
PILLIN, MATHIAS, Polynomial Recursion Equations in Form Factors of ADE-Toda Field Theories, **34**: 211 (1998).
POTTHOFF, J., *see* BENTH, F. E.
PRESNAJDER, P., *see* GROSSE, H.
PROCACCI, ALDO, BERNARDO N. B. DE LIMA and BENEDETTO SCOPPOLA, A Remark on High Temperature Polymer Expansion for Lattice Systems with Infinite Range Pair Interactions, **45**: 303 (1998).

RAGOUCY, E., *see* ARNAUDON, D.
RAMANI, A., B. GRAMMATICOS and S. LAFORTUNE, Schlesinger Transformations for Linearizable Equations, **46**: 131 (1998).
RATIU, TUDOR S., *see* ORTEGA, JUAN-PABLO
REHREN, K.-H., Spin Statistics and CPT for Solitons, **46**: 95 (1998).
RIECKERS, ALFRED, *see* HONEGGER, REINHARD
RIVASSEAU, V., *see* ABDESSELAM, A.
RIVIÈRE, TRISTAN, A Remark on the Use of Differential Forms for the Skyrme Problem, **45**: 229 (1998).
ROCHE, PH., *see* ARNAUDON, D.
RÖMER, HARTMANN, *see* BORDEMANN, MARTIN
ROYTENBERG, DMITRY and ALAN WEINSTEIN, Courant Algebroids and Strongly Homotopy Lie Algebras, **46**: 81 (1998).
RUDOLPH, G., *see* KIJOWSKI, J.

SADUN, L. A. and J. M. SPEIGHT, Geodesic Incompleteness in the $\mathbb{C}P^1$ Model on a Compact Riemann Surface, **43**: 329 (1998).
SAHBANI, JAOUAD, *see* BOUTET DE MONVEL, ANNE
SALCEDO, L. L., Minimum Uncertainty for Antisymmetric Wave Functions, **43**: 233 (1998).
SALLY, PAUL J., JR., An Introduction to p-adic Fields, Harmonic Analysis and the Representation Theory of SL_2, **46**: 1 (1998).
SANGUINETTI, GUIDO, *see* BRUZZO, UGO
SCHNELL, UWE, *see* BÖRÖCZKY, KÁROLY, JR.
SCOPPOLA, BENEDETTO, *see* PROCACCI, ALDO
SCOTT, S. G., *see* BOOSS-BAVNBEK, B.
SERGEEV, S. M., Solutions of the Functional Tetrahedron Equation Connected with the Local Yang–Baxter Equation for the Ferro-Electric Condition, **45**: 113 (1998).
SHIRAISHI, JUN'ICHI, *see* JIMBO, MICHIO
SITARZ, ANDRZEJ, On the Tensor Product Construction for q-Differential Algebras, **44**: 17 (1998).
ŚLIWA, C., *see* KIJOWSKI, J.
SORACE, E., *see* BONECHI, F.
SORIN, A., *see* BONORA, L.
SPEIGHT, J. M., *see* SADUN, L. A.
SPOHN, HERBERT, Ground State of a Quantum Particle Coupled to a Scalar Bose Field, **44**: 9 (1998).
STERNHEIMER, DANIEL, *see* ARAKI, HUZIHIRO
STREIT, L., *see* BENTH, F. E.
SUZUKI, TATSUO, *see* FUJII, KAZUYUKI

TAKASAKI, KANEHISA, Dual Isomonodromic Problems and Whitham Equations, **43**: 123 (1998).
TAKASAKI, KANEHISA, Gaudin Model, KZ Equation and an Isomonodromic Problem on the Torus, **44**: 143 (1998).
TAKEHANA, HIROAKI, *see* CHODA, MARIE
TAMURA, H., *see* ITO, K. R.
TAN, VICTOR, *see* LUM, KAI HING
TANG, TAI-MING and ZI-PING LI, A Generalization of the Arzelà–Ascoli Theorem and its Application to Dyson Perturbation Theory, **43**: 55 (1998).
TARLINI, M., *see* BONECHI, F.
TETA, A., *see* ADAMI, R.
THIBON, JEAN-YVES, *see* FODA, OMAR

VAN ENTER, AERNOUT, *see* MORIYA, HAJIME
VARADARAJAN, V. S., *see* LLEDÓ, M. A.

VARCHENKO, A., *see* MUKHIN, E.
VARGA, PETER, Finite Groups and Quantum Yang–Baxter Equation, **43**: 295 (1998).
VINET, LUC and ALEXEI ZHEDANOV, An Integrable Chain and Bi-Orthogonal Polynomials, **46**: 233 (1998).

WALDMANN, STEFAN, A Remark on Nonequivalent Star Products via Reduction for $\mathbb{CP}^n$, **44**: 331 (1998).
WALDMANN, STEFAN, *see* BORDEMANN, MARTIN
WEINSTEIN, ALAN, *see* ROYTENBERG, DMITRY
WELSH, TREVOR A., *see* FODA, OMAR
WOJCIECHOWSKI, K. P., *see* BOOSS-BAVNBEK, B.

YANG, WEN-LI, *see* HOU, BO-YU
YÉRA, J.-C., *see* HORVÁTHY, P. A.
YOSHIOKA, AKIRA, *see* OMORI, HIDEKI

ZAGREBNOV, V. A., *see* NEIDHARDT, H.
ZHANG, YAO-ZHONG, *see* GOULD, MARK D.
ZHEDANOV, ALEXEI, *see* VINET, LUC
ZHOU, YU-KUI, The Ising Model with Boundaries: Integrability and Functional Relations, **46**: 207 (1998).